

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**  
(Case No. 06-224)

In the Application of:	)	
	)	
Leslie Raymond Bates et al	)	Examiner: David J. Parsley
	)	
Serial No. 10/574,999	)	
	)	Group Art Unit: 3643
Filed: April 7, 2006	)	
	)	Conf. No. 3523
Title: Improvements in and Relating to Oil Well	)	
Perforators	)	
	)	

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

**REPLY TO THE JANUARY 21, 2009 OFFICE ACTION**

This is a Reply to the January 21, 2009 non-final Office Action for the above-identified U.S. patent application.

**Amendments to the Claims** are reflected in the listing of claims which begin on page 2 of this paper.

**Remarks** begin on page 6 of this paper.